

DEPARTMENT OF TRANSPORTATION

TRANSPORTATION and NATURAL RESOURCES COMMITTEE
STATE ADMINISTRATIVE BOARD

T&NR Meeting: March 3, 2015– Lake Superior Room,
1st Floor, Michigan Library and Historical Center, 11:00 AM
State Administrative Board Meeting: March 10, 2015 – Forum,
1st Floor, Michigan Library and Historical Center, 11:00 AM

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This agenda is for general informational purposes only. At its discretion, the Transportation and Natural Resources Committee may revise this agenda and may take up other issues at the meeting.

CONTRACT PRE-APPROVAL1. **HIGHWAYS - Design Services**

Contract (2015-0166) between MDOT and URS Corporation Great Lakes will provide for design services to be performed for the reconstruction of westbound I-196 from west of 32nd Avenue to west of Kenowa Avenue in the City of Hudsonville and in Jamestown and Georgetown Townships, Ottawa County (CS 70024 - JN 118618C). The work items will include preparing required plans, including maintaining traffic and construction staging plans and pavement marking plans; performing surveys and drainage work; and computing and verifying all plan quantities. The contract will be in effect from the date of award through December 31, 2020. The engineer's estimate is \$826,133.86. Source of Funds: 90% Federal Highway Administration Funds and 10% State Restricted Trunkline Funds.

2. **HIGHWAYS - Design Services**

Contract (2015-0167) between MDOT and Bergmann Associates, Architects, Engineers, Landscape Architects & Surveyors, D.P.C., will provide for design services to be performed for the reconstruction of eastbound I-196 from west of 32nd Avenue to west of Kenowa Avenue in the City of Hudsonville and in Jamestown and Georgetown Townships, Ottawa County (CS 70024 - JN 118618C). The work items will include preparing required plans, including maintaining traffic and construction staging plans and pavement marking plans; performing surveys and drainage work; and computing and verifying all plan quantities. The contract will be in effect from the date of award through December 31, 2020. The engineer's estimate is \$1,145,918.32. Source of Funds: 90% Federal Highway Administration Funds and 10% State Restricted Trunkline Funds.

* Denotes a non-standard contract/amendment

CONTRACTS

3. *HIGHWAYS – As-Needed Engineering and Technical Assistance Services
Contract (2015-0118) between MDOT and HNTB Michigan, Inc., will provide for as-needed consultant services to be performed for the development of a new MDOT Special Provision on Critical Path Methods (CPM) and for assistance utilizing Primavera P6 software in the Metro Region. The work items will include the development of a new Special Provision on CPMs, review of contractors' CPM schedules according to current industry standards, and providing training to MDOT staff on performing CPM reviews and using the Primavera P6 software. The contract will be in effect from the date of award through April 1, 2017. The contract amount will be \$800,000. Source of Funds: Federal, Restricted State, or local funds, depending on the particular project authorized.

4. *HIGHWAYS – Inspection and Testing Services
Contract (2015-0157) between MDOT and Alfred Benesch & Company will provide for as-needed inspection and testing services to be performed road and bridge construction projects in the Kalamazoo Transportation Service Center service area. The work items will include inspection; quality assurance testing and reporting; and measurement, computation, and documentation of quantities. The contract will be in effect from the date of award through December 31, 2016. The contract amount will be \$910,422.81. Source of Funds: Federal Highway Administration Funds, State Restricted Trunkline Funds, or local funds, depending on the particular project authorized.

5. *HIGHWAYS - Construction Engineering Services
Contract (2015-0161) between MDOT and Great Lakes Engineering, LLC, will provide for as-needed construction inspection services to be performed for the reconstruction of I-75 from Dixie Highway to I-275 in Monroe County. The work items will include project administration, inspection, and preparation and documentation of project records. The contract will be in effect from the date of award through August 1, 2017. The contract amount will be \$1,875,249.51. Source of Funds: 90% Federal Highway Administration Funds and 10% State Restricted Trunkline Funds.

6. *HIGHWAYS - Construction Engineering Services
Contract (2015-0162) between MDOT and Parsons Brinckerhoff Michigan, Inc., will provide for as-needed construction inspection services to be performed for the reconstruction of I-75 from Dixie Highway to I-275 in Monroe County. The work items will include project administration, inspection, and preparation and documentation of project records. The contract will be in effect from the date of award through August 1, 2017. The contract amount will be \$1,785,832.02. Source of Funds: Federal Highway Administration Funds, State Restricted Trunkline Funds, or local funds, depending on the particular project authorized.

7. *HIGHWAYS - Construction Engineering Services
Contract (2015-0163) between MDOT and Somat Engineering, Inc., will provide for as-needed construction testing services to be performed for the reconstruction of I-75 from Dixie Highway to I-275 in Monroe County. The work items will include project administration, quality assurance testing, and preparation and documentation of project records. The contract will be in effect from the date of award through August 1, 2017. The contract amount will be \$727,097.16. Source of Funds: Federal Highway Administration Funds, State Restricted Trunkline Funds, or local funds, depending on the particular project authorized.

8. HIGHWAYS - Construction Engineering Services
Contract (2015-0165) between MDOT and Fishbeck, Thompson, Carr & Huber, Inc., will provide for full construction engineering services to be performed for the reconstruction of I-75 at University Drive in the City of Auburn Hills, Oakland County (CS 63172 – JN 123143A). The work items will include project administration; inspection; staking; quality assurance testing and reporting; measurement, computation, and documentation of quantities; reporting and record-keeping; and finalizing all project documentation. The contract amount will be \$2,500,627.63. The contract will be in effect from the date of award through December 31, 2016. Source of Funds: 95% Federal Highway Administration Funds and 5% State Restricted Trunkline Funds.

SUB CONTRACTS

9.	Strategic Consulting	Low Bid	\$576,000
	13100-168 th Avenue	1 st year	\$192,000
	Grand Haven, MI 49417	2 nd year	\$192,000
		3 rd year	\$192,000
		Engineers Estimate:	\$600,000
		Over/Under	- 4%

Description of Work: Bridge Operation

Approval is requested to authorize the Ottawa County Road Commission to award a three-year subcontract for (2012-0543/S2) the operation of the Bascule Bridge, which carries US-31 traffic over the Grand River. The project was advertised, and three bids were received. Ottawa County Road Commission found the cost to be reasonable and competitive with costs in surrounding counties. The lowest bidder was selected. The subcontract will be in effect from March 15, 2015, through December 31, 2017. Source of Funds: 100% State Restricted Trunkline Funds.

BID LETTING PRE-APPROVALS

STATE PROJECTS

10. Letting Of March 6, 2015 Prequalification Level: **\$1,321,000.00**

Letting Call: 1503 058

Project: STG 84915-109857

Local Agreement:

Start Date: April 13, 2015

Completion Date: October 23, 2015

128.92 mi of permanent, non-freeway signing upgrades on various routes, Berrien County.

0.00 % DBE participation required

11. Letting Of March 6, 2015 Prequalification Level: **\$1,858,000.00**

Letting Call: 1503 059

Project: STG 84914-117048

Local Agreement: 15-5004

Start Date: March 2, 2015

Completion Date: November 13, 2015

Traffic signal modernization and concrete curb, gutter, sidewalk, and ramps at 21 locations on various routes in the cities of Mt. Pleasant and Alma, Clare, Isabella and Gratiot Counties.

0.00 % DBE participation required

12. Letting Of March 6, 2015 Prequalification Level: **\$728,000.00**

Letting Call: 1503 066

Project: STG 84914-119962

Local Agreement:

Start Date: April 1, 2015

Completion Date: November 13, 2015

58.18 mi of non-freeway signing on various trunkline routes, Clare, Gratiot, Isabella and Midland Counties.

0.00 % DBE participation required

13. Letting Of March 6, 2015 Prequalification Level: **\$4,828,000.00**

Letting Call: 1503 068

Project: IM 63172-123144-2

Local Agreement:

Start Date: April 15, 2015

Completion Date: October 15, 2015

4.10 mi of hot mix asphalt overlay, concrete pavement patching, detail 7 joint and crack repair and pavement markings on I-75 from Clintonville Road to M-15, Oakland County. This project includes a 3 year material and workmanship pavement warranty.

5.00 % DBE participation required

14. Letting Of March 6, 2015 Prequalification Level: **\$1,100,000.00**

Letting Call: 1503 069

Project: PRIP 58034-124033-2

Local Agreement:

Start Date: 10 days after award

Completion Date: August 1, 2015

3.97 mi of concrete pavement repairs and diamond grinding concrete on US-23 from School Road northerly to Ida Center Road, Monroe County.

0.00 % DBE participation required

15. Letting Of March 6, 2015 Prequalification Level: **\$533,000.00**

Letting Call: 1503 070

Project: STG 84911-109837

Local Agreement:

Start Date: 10 days after award

Completion Date: September 25, 2015

93.88 mil of non-freeway signing on M-35 from the Delta County Line to US-41 and M-95 from the Wisconsin State Line to US-41, Dickinson and Marquette Counties.

0.00 % DBE participation required

16. Letting Of March 6, 2015 Prequalification Level: **\$3,965,000.00**
Letting Call: 1503 072
Project: NH 17033-124087
Local Agreement:
Start Date: July 6, 2015
Completion Date: October 2, 2015

9.68 mi of hot mix asphalt cold milling and single course resurfacing with fiber reinforced membrane interlayer on I-75 from north of the Mackinac/Chippewa County Line northerly to north of M-80, Chippewa County. This project includes a 3 year materials and workmanship pavement warranty.

0.00 % DBE participation required

17. Letting Of March 6, 2015 Prequalification Level: **\$1,674,000.00**
Letting Call: 1503 073
Project: HSIP 84911-125497
Local Agreement:
Start Date: 10 days after award
Completion Date: December 1, 2015

Application of longitudinal markings on trunkline routes, Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic, Houghton, Iron, Keweenaw, Luce, Mackinac, Marquette, Menominee, Ontonagon, and Schoolcraft Counties.

0.00 % DBE participation required

18. Letting Of March 6, 2015 Prequalification Level: **\$665,000.00**
Letting Call: 1503 075
Project: ST 83021-109681
Local Agreement:
Start Date: June 15, 2015
Completion Date: 25 AD

2.75 mi of hot in place recycling, hot mix asphalt cold milling and ultra-thin resurfacing, concrete joint repairs and sidewalk ramp on Old 55 in the City of Cadillac, Wexford County. This project includes a 2 year pavement performance warranty.

0.00 % DBE participation required Letting of March 6, 2015

19. Letting Call: 1503 076 Prequalification Level: **\$2,422,000.00**
Project: PRIP 63132-123947, ETC
Local Agreement:
Start Date: May 15, 2015
Completion Date: September 15, 2015

4.10 mi of hot mix asphalt cold milling and resurfacing, catch basin, curb, gutter, sidewalk and ramp, and pavement markings on M-150 from M-59 to Avon Road and from Paint Creek to Tienken Road in the cities of Rochester and Rochester Hills, Oakland County. This project includes a 3 year materials and workmanship pavement warranty.

7.00 % DBE participation required

20. Letting Of March 6, 2015 Prequalification Level: **\$2,017,000.00**
Letting Call: 1503 077
Project: ST 62022-118174
Local Agreement:
Start Date: June 15, 2015
Completion Date: June 6, 2016

10.02 mi of hot mix asphalt cold milling and resurfacing, ADA ramps, and shoulder resurfacing on M-82 from Main Street to M-37 in the cities of Fremont and Newaygo, Newaygo County. This project includes a 3 year materials and workmanship pavement warranty.

4.00 % DBE participation required

21. Letting Of March 6, 2015 Prequalification Level: **\$1,169,000.00**
Letting Call: 1503 078
Project: PRIP 70081-122636-2
Local Agreement:
Start Date: September 8, 2015
Completion Date: June 6, 2016

4.43 mi of hot mix asphalt cold milling and resurfacing, detail 8 joint and crack repairs, centerline and shoulder corrugations, traffic loop, concrete curb, gutter, sidewalk and ramps, and permanent pavement markings on M-104 from west of Lake Street to west of 124th Avenue in the village of Spring Lake, Ottawa County. This project includes a 3 year materials and workmanship pavement warranty.

..0.0% DBE participation required

22. Letting Of March 6, 2015 Prequalification Level: **\$1,762,000.00**
Letting Call: 1503 079
Project: IM 82194-123927
Local Agreement:
Start Date: April 15, 2015
Completion Date: November 1, 2015

2.00 mi of full depth concrete pavement repairs, centerline repairs, crack sealing, joint re-sealing and permanent pavement markings on I-75 from Springwells Street to Clark Street in the city of Detroit, Wayne County.

5.00 % DBE participation required

23. Letting Of March 6, 2015 Prequalification Level: **\$4,723,000.00**
Letting Call: 1503 080
Project: NH 41061-112069, ETC
Local Agreement: 15-5035
Start Date: 10 days after award
Completion Date: August 8, 2015

2.43 mi of mix asphalt cold milling and resurfacing, detail 8 joint repairs and construct roundabouts on M-11 from west of Hayes Street east to Wilson Avenue and M-11 at Remembrance Road and Wilson Avenue in the city of Walker, Ottawa and Kent Counties. This project includes a 5 year materials and workmanship pavement warranty.

5.00 % DBE participation required

24. Letting Of March 6, 2015 Prequalification Level: **\$1,121,000.00**
Letting Call: 1503 081
Project: STR 62032-115082, ETC
Local Agreement:
Start Date: July 20, 2015
Completion Date: June 6, 2016

4.38 mi of hot mix asphalt cold milling and single course resurfacing, concrete curb, gutter, sidewalk and ramps and railroad crossing replacement on M-37 from the south city limits of White Cloud northerly to Three Mile Road and M-20 from M-37 easterly to Swain Street in the village of Kent City, city of White Cloud, Kent, Newaygo, and Muskegon Counties. This project includes a 3 year materials and workmanship pavement warranty.

4.00 % DBE participation required

25. Letting Of March 11, 2015 Prequalification Level: **\$694,000.00**
Letting Call: 1503 601
Project: ST 23091-123966
Local Agreement:
Start Date: July 19, 2015
Completion Date: September 18, 2015

5.58 mi of hot mix asphalt cold milling and resurfacing, centerline corrugations, concrete curb, gutter, sidewalk and ramps, traffic loops, and pavement markings on M-99 from the Eaton/Jackson county line north to Bradford Highway, on M-50 from the Eaton/Jackson county line to M-99 (Priority 1 Work), and on M-99 from Bradford Highway north to Kimbark Avenue (Priority 2 Work). This project will be constructed with an innovative contracting method, fixed price variable scope. This project includes a 3 year materials and workmanship pavement warranty.

3.00 % DBE participation required

26. Letting Of March 11, 2015 Prequalification Level: **\$1,641,000.00**
Letting Call: 1503 602
Project: NH 84913-123213
Local Agreement:
Start Date: 10 days after award
Completion Date: August 28, 2015

65.90 lnmi of concrete joint resealing on M-6, US-131, and 1-96 in the city of Wyoming and the village of Cutlerville, Kent County. This project will be constructed with an innovative contracting method, fixed price variable scope.

0.00 % DBE participation required

LOCAL PROJECTS

27. Letting Of March 6, 2015 Prequalification Level: **\$524,000.00**
Letting Call: 1503 056
Project: STL 16555-112775
Local Agreement: 15-5041
Start Date: April 13, 2015
Completion Date: May 29, 2015

0.74 mi of hot mix asphalt cold milling and resurfacing, aggregate base, concrete driveway, curb, gutter, sidewalk and ramps, and pavement markings on South Huron Avenue from US-23 northerly to Central Avenue in the village of Mackinaw City, Cheboygan County.

6.00 % DBE participation required

28. Letting Of March 6, 2015 Prequalification Level: **\$920,000.00**

Letting Call: 1503 060
Project: STL 32555-109508
Local Agreement: 15-5000
Start Date: 10 days after award
Completion Date: September 15, 2015

8.84 mi of hot mix asphalt cold milling and resurfacing, aggregate shoulders and pavement markings on Kinde Road from M-25 north easterly to Pinnebog Road, Huron County.

3.00 % DBE participation required

29. Letting Of March 6, 2015 Prequalification Level: **\$721,000.00**

Letting Call: 1503 061
Project: STL 31061-116609
Local Agreement: 15-5032
Start Date: 10 days after award
Completion Date: August 28, 2015

3.13 mi of hot mix asphalt base crushing, shaping and resurfacing, aggregate base, drainage, guardrail and pavement markings on Pike River Road from Lower Worham Road then southerly, Houghton County.

0.00 % DBE participation required

30. Letting Of March 6, 2015 Prequalification Level: **\$2,436,000.00**

Letting Call: 1503 062
Project: NH 39405-121017
Local Agreement: 15-5048
Start Date: April 27, 2015
Completion Date: August 21, 2015

0.74 mi of hot mix asphalt removal, cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, aggregate base, drainage, traffic signal and pavement markings on South Westnedge Avenue from Mall Drive north to Dawnlee Avenue in the city of Portage, Kalamazoo County.

5.00 % DBE participation required

31. Letting Of March 6, 2015 Prequalification Level: **\$1,718,000.00**
Letting Call: 1503 063
Project: STU 81001-123008
Local Agreement: 15-5009
Start Date: 10 days after award
Completion Date: October 30, 2015

Bridge overlay, replacing expansion joints, structural steel repairs, cleaning and coating structural steel, substructure repairs and pavement markings on Fuller Road over Amtrak Railroad and Maiden Lane over Huron River in the city of Ann Arbor, Washtenaw County.

3.00 % DBE participation required

32. Letting Of March 6, 2015 Prequalification Level: **\$943,000.00**
Letting Call: 1503 064
Project: STL 64555-114118
Local Agreement: 15-5038
Start Date: June 8, 2015
Completion Date: August 21, 2015

0.40 mi of hot mix asphalt surface removal and resurfacing, earth excavation, sanitary sewer, water main, storm sewer, lighting, concrete driveway, curb, gutter, sidewalk and ramps, guardrail, and pavement markings on Johnson Street from Peach Street easterly to State Street in the city of Hart, Oceana County.

5.00 % DBE participation required

POST-APPROVALS

STATE PROJECTS

33. Letting Of January 9, 2015
Letting Call: 1501 028 Low Bid: **\$841,283.39**
Project: IM 80024-124021 Engineer Estimate: \$627,972.88
Local Agreement: Pct Over/Under Estimate: 33.97 %
Start Date: September 21, 2015
Completion Date: November 6, 2015

2.94 mi of diamond grinding, longitudinal grooving, concrete repairs, and joint resealing on I-94 eastbound from approximately mile marker 58 easterly to mile marker 61, Van Buren County.

3.00 % DBE participation required

Bidder	As-Submitted	As-Checked
Interstate Improvement, Inc.	\$841,283.39	Same 1 **
Diamond Coring Company, Inc.	\$862,618.99	Same 2
Penhall Company	\$952,044.98	Same 3

Total Number of Bidders: 3

* Denotes a non-standard contract/amendment

34. Letting Of January 9, 2015
 Letting Call: 1501 061 Low Bid: **\$2,729,476.06**
 Project: ST 84915-103295 Engineer Estimate: \$2,169,306.93
 Local Agreement: Pct Over/Under Estimate: 25.82 %
 Start Date: June 1, 2015
 Completion Date: August 21, 2015

27.25 mi of chip sealing, overband crack filling, fog sealing, and hot mix asphalt spot corrections on M-40 from M-60 to the south Marcellus city limit, on M-43 from 64th Street to the west Bangor city limit, on M-62 from Cassopolis to Dowagiac, on M-140 from M-139 to East Main Street, and at the I-94/M-40 carpool parking lot, Berrien, Cass and Van Buren Counties. This project includes two 2 year pavement performance warranties.

No DBE participation required

Bidder	As-Submitted	As-Checked
Fahrner Asphalt Sealers, L.L.C.	\$2,729,476.06	Same 1**
Highway Maintenance and Construction	\$2,340,232.76	Cannot Total Rej

Total Number of Bidder: 1

35. Letting Of February 6, 2015
 Letting Call: 1502 023 Low Bid: **\$8,915,951.80**
 Project: STU 41481-124551 Engineer Estimate: \$7,331,749.50
 Local Agreement: 14-5659 Pct Over/Under Estimate: 21.61 %
 Start Date: March 16, 2015
 Completion Date: September 30, 2017

1.09 mi of hot mix asphalt reconstruction, storm sewer, concrete curb, gutter, sidewalk and ramps, landscaping, watermain, sanitary sewer, and pavement markings on Lafayette Avenue from Bradford Street north to Leonard Street, on Leonard Street from Lafayette Avenue east to Ashland Avenue, and on Cedar Street from Clancy Avenue east to Lafayette Avenue in the city of Grand Rapids, Kent County.

4.00 % DBE participation required

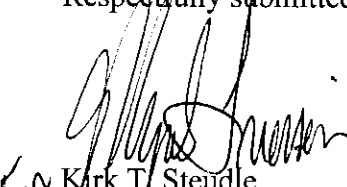
Bidder	As-Submitted	As-Checked
Schippers Excavating, Inc.	\$8,915,951.80	Same 1 **
Diversco Construction Company, Inc.	\$9,212,376.03	Same 2
Nagel Construction, Inc.	\$9,229,810.13	\$9,229,810.63 3
Kamminga & Roodvoets, Inc.	\$9,333,727.43	\$9,333,727.93 4

Total Number of Bidders: 4

In accordance with MDOT's policies and procedures and subject to concurrence by the Federal Highway Administration, the preparation and award of the appropriate documents approved by the Attorney General, and compliance with all legal and fiscal requirements, the Director recommends for approval by the State Administrative Board the items on this agenda.

The approval by the State Administrative Board of these contracts does not constitute the award of same. The award of contracts shall be made at the discretion of the Director-Department of Transportation when the aforementioned requirements have been met. Subject to exercise of that discretion, I approve the contracts described in this agenda and authorize their award by the responsible management staff of MDOT to the extent authorized by, and in accordance with, the December 14, 1983, resolution of the State Transportation Commission and the Director's delegation memorandum of June 17, 2014.

Respectfully submitted,



Kirk T. Steudle
Director